

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

23696

7590

09/27/2005

EXAMINER

Qualcomm, NC 5775 Morehouse Drive San Diego, CA 92121 BHATTACHARYA, SAM

ART UNIT

PAPER NUMBER

2687

DATE MAILED: 09/27/2005

	APPLICATION NO. FILING DATE 09/771,137 01/24/2001		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
			Bruce A. Judson	PA000220	6736

TITLE OF INVENTION: METHOD AND SYSTEM FOR FORWARD LINK BEAM FORMING IN WIRELESS COMMUNICATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/27/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

maintenance fee notifica			y specifying a				
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of addres				Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany			
23696	7590 09/27/2005			papers. Each addition have its own certification	nal paper, such as an assignmente of mailing or transmission.	ent or formal drawing, m	
Qualcomm, No	С			C	ertificate of Mailing or Trans	smission	
5775 Morehous				I hereby certify that States Postal Service	this Fee(s) Transmittal is bein	g deposited with the Un	
San Diego, CA 92121				I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO (571) 273-2885, on the date indicated below.			
						(Depositor's na	
						(Signat	
						(D	
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/771,137	01/24/2001		Bruce A. J	ludson	PA000220	6736	
TITLE OF INVENTION	N: METHOD AND SYSTEM FO	OR FORWARD LI	NK BEAM FO	RMING IN WIRELESS CO	MMUNICATIONS		
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400)	\$300	\$1700	12/27/2005	
EX	XAMINER	ART UNIT		CLASS-SUBCLASS	7		
ВНАТТА	BHATTACHARYA, SAM		2687 455-562000		_		
	lence address or indication of "F	ee Address" (37	2. For printi	ng on the patent front page,	list		
CFR 1.363). Change of correst	pondence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(2) the name of a single firm (having as a member a 2				
"Fee Address" inc	dication (or "Fee Address" Indication (or more recent) attached. Use	ation form	registered attorney of agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
Number is required	·	e of a Customer					
	AND RESIDENCE DATA TO B		`	. ,			
PLEASE NOTE: Un recordation as set for	less an assignee is identified be th in 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appea T a substitute fo	er on the patent. If an assign filing an assignment.	gnee is identified below, the d	locument has been filed	
(A) NAME OF ASSI	GNEE	(E	3) RESIDENCE	: (CITY and STATE OR CO	OUNTRY)		
		•					
Please check the appropr	riate assignee category or catego	ories (will not be pr	inted on the pat	ent): 🗖 Individual 🗖 (Corporation or other private gr	oup entity Governm	
4a. The following fee(s)	are enclosed:	41	D. Payment of Fo	ee(s):			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.				
Advance Order -	# of Copies		The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Sta	atus (from status indicated above	e)		<u> </u>	<u> </u>		
	ns SMALL ENTITY status. See			_	ALL ENTITY status. See 37 C		
The Director of the USP NOTE: The Issue Fee ar interest as shown by the	TO is requested to apply the Issued Publication Fee (if required) we records of the United States Pater	ue Fee and Publica will not be accepted ent and Trademark	tion Fee (if any) d from anyone of Office.	or to re-apply any previou other than the applicant; a re	sly paid issue fee to the applications gistered attorney or agent; or t	ation identified above. he assignee or other part	
Authorized Signature	·			Date	·		
Typed or printed name				Registratio	n No		
This collection of inform	nation is required by 37 CFR 1.3	311. The informatio	on is required to	obtain or retain a benefit by	the public which is to file (an	d by the USPTO to proc	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/771,137		01/24/2001	Bruce A. Judson	PA000220	6736		
23696	696 7590 09/27/2005			EXAMINER			
Qualcomm, NC 5775 Morehouse Drive				ВНАТТАСН	BHATTACHARYA, SAM		
San Diego, CA 92121				ART UNIT	PAPER NUMBER		
0.				2687			
				DATE MAILED: 09/27/2005			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 623 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 623 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.